Module title: Nanomatrix Biophysical Analyzing Systems and Processes

Abbreviation: 11-NM-BV-072-m01

Module coordinator: Managing Director of the Institute of Applied Physics

Module offered by: Faculty of Physics and Astronomy

ECTS: 6

Method of grading: numerical grade

Duration: 1 semester

Module level: undergraduate

Other prerequisites:

Contents:
Principles and specific knowledge of engineering work in the application fields of energy engineering, electronics, photonics and biophysics as well as in the technology-oriented materials sciences, technologies of nano-structuring, components and system development, especially in the field of biophysical analysis systems and procedures.

Intended learning outcomes:
The students have advanced knowledge of one or more application or technology areas of engineering work, especially in the field of biophysical analysis systems and techniques.

Courses:
V + R (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
(a) written examination (approx. 90 minutes) or (b) talk (approx. 30 minutes) or (c) oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or (d) project report (approx. 10 pages)

Allocation of places:

Additional information:

Referred to in LPO I: (examination regulations for teaching-degree programmes)

Module appears in:
Bachelor’s degree (1 major) Nanostructure Technology (2008)
Bachelor’s degree (1 major) Nanostructure Technology (2007)
Master’s degree (1 major) Technology of Functional Materials (2010)
Master’s degree (1 major) Technology of Functional Materials (2009)